

PCT
INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 20310999KC	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/SG03/00190	International filing date (day/month/year) 8 August 2003	(Earliest) Priority Date (day/month/year) 16 August 2002
Applicant SO, Kim Lui		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title, ☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract, ☐ the text is approved as submitted by the applicant

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ None of the figures

☐ because the applicant failed to suggest a figure

☐ because this figure better characterizes the invention

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Box III

TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

A self-cleaning exhaust system (250) including a top (256), a front wall (254), a rear wall (260), and side walls (258) extending between the rear wall and the front wall. A baffle (262) depending from the top intermediate the front wall and the rear wall. A plate (264) extending forwardly from the rear wall to forwardly of the baffle. A first filter (214) is located in an air flow path (210). A first spray outlet (232) is located in the air flow path before the first filter for providing a first cleaning spray into the air flow so that the air flow draws the cleaning spray onto a first surface of the first filter.

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: F24C 15/20, B08B 15/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Electronic search as below

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI (IPC: F24C 15/20, F23J 3/-, F23J 11/-, F23J 15/-, B08B 3/-, B08B 15/-, B08B 17/-, KEYWORDS: exhaust, vent, purg+, evacuat+, hood, filter, mesh, screen, grid, spray, jet, nozzle, clean, wash, degrea+, decontam+, liquid, fluid, water, detergent, solution, kitchen, range, stove, cook, fry)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 29807 A1 (H. GIOVANNA S.A.) 3 June 1981 See figure 1.	1 to 42
X	DE 19509611 A1 (RENTSCHLER REVEN-LUFTUNGSSYSTEME GmbH) 19 September 1996 See figure 1.	1 to 42
X	WO 95/18943 A2 (LDI MFG. CO., INC.) 13 July 1995 See figure 2.	1 to 42

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
3 October 2003

Date of mailing of the international search report

13 OCT 2003

Name and mailing address of the ISA/AU

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 93/18348 A1 (FAUTEUX) 16 September 1993 See figure 2.	1 to 42
X	GB 2139750 A (GLENN CHAN & PARTNERS LTD (HONG KONG)) 14 November 1984 See figure 1.	1 to 42
X	US 5359990 A (HSU) 1 November 1994 See figure 2.	1 to 42

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This Annex lists the known "A" publication level patent family members related to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
EP 29807	CH638292	EP0029807	
DE19509611	none		
WO9518943	AU15157/95	US5472342	WO9518943
WO9318348	AU37432/93	CA2062339	WO9318348
GB2139750	AU25824/84	GB2139750	GB8406072
US5359990	none		
			END OF ANNEX